

Abstract of the Disclosure

A diamond has a pavilion (22) with a plurality of facets (32) disposed from a girdle (26) to a culet (34).

5 A dome-shaped crown (24) is disposed above the girdle.

The dome-shaped crown has a plurality of rows of facets (40, 42) cut with a plurality of monotonically decreasing angles to form a stepped contour from the girdle to an apex of the dome-shaped crown. A star-shaped top-center

10 facet is disposed at the apex of the crown. The facets of the pavilion are symmetrically disposed and extend continuous from the girdle to the culet. The plurality

of sets of facets in the crown from the girdle to the apex of the crown are cut with monotonically decreasing
15 angles, such as 90, 75, 65, 55, 45, 35, 30, 25, 20, 15, and 10 degrees, respectively.